

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 12/2/2015 (Half), 12/3/2015	Man Days: 1.5
Inspection Unit: Robinson	
Location of Audit: Robinson	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Charles Gribbins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance Consultant	(217) 820-4221
Robert Roth	Superintendent of Quality Assurance	(217) 778-0785

CUSTOMER METER & REGULATOR	Status
<u>Category Comment:</u> <i>Customer meter inspections were checked at the following locations.</i> 702 W Walnut steel 704 W Walnut steel 706 W Walnut steel 708 W Walnut plastic 802 W Walnut plastic 804 W Walnut plastic 806 W Walnut plastic 808 W Walnut steel 810 W Walnut steel 807 W Walnut steel 805 W Walnut steel 803 W Walnut steel 801 W Walnut steel 709 W Walnut steel	

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707 W Walnut steel
705 W Walnut steel
701 W Walnut plastic
2035 Parrire Street steel

[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Checked

General Comment:

Staff did not encounter any areas during this inspection that were in areas where submergence was an issue.

[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Checked

General Comment:

Staff did not encounter any under ground service line valves in the area of this inspection.

[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Checked
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General Comment:

Staff did not encounter any any services that had been discontinued during this field inspection.

CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory

General Comment:

Pipe to soil readings were taken at the following locations:

702 W Walnut -1.106 volts
704 W Walnut -1.089 volts
706 W Walnut -1.106 volts
808 W Walnut -1.285 volts
810 W Walnut -1.112 volts
807 W Walnut -1.172 volts

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805 W Walnut -1.327 volts
803 W Walnut -1.336 volts
709 W Walnut -1.206 volts
707 W Walnut -1.208 volts
705 W Walnut -1.290 volts
2035 Parrire -1.273 volts

[192.465(b)]	Were rectifier installations inspected?	Not Checked
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General Comment:

Staff did not inspect any rectifiers during this field inspection in the Robinson Service area.

[192.465(a)]	Were isolated mains/services tested?	Not Checked
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General Comment:

Staff did not verify any isolated mains/services during this field audit.

[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
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General Comment:

Staff did not verify and bonds during this inspection.

[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
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General Comment:

All facilities were checked for proper isolation methods.

[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
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General Comment:

Staff did not verify any casings were in the area at the time of this audit.

[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
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General Comment:

All above ground piping was found to have been painted at the regulating stations.

[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
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General Comment:

There was no corrosion or pitting on any of the above grade piping at the regulating stations.

DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Not Checked

General Comment:

Staff did not inspect any excavation activities during this inspection

[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Not Checked
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<u>General Comment:</u> <i>Staff did not inspect any excavation activities during this inspection</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked
<u>General Comment:</u> <i>Staff did not inspect any excavation activities during this inspection</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u> <i>Staff inspected line markers at the regulating stations and several railroad crossings all the required information was found on the signs.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
<u>Category Comment:</u> <i>The following pressure limiting stations were inspected: All stations were found to have meet the requirements mentioned in this section.</i> <i>Station ID 335001</i> <i>Station ID 335022</i> <i>Station ID 335020</i> <i>Station ID 335023</i> <i>Station ID 335024</i> <i>Station ID 335029</i>		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory

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<u>General Comment:</u>		
Staff verified the inspection date by having the operator provide the following documents Pressure Control Station Inspection Form.		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
<u>General Comment:</u>		
The above ground stations are protected from damage by distance from the roadway fencing and barricades.		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
<u>General Comment:</u>		
Staff did not review the telemetering at the time of inspection, these indications would be located in Springfield at Ameren Gas Control Center.		
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	Not Checked
<u>General Comment:</u>		
Staff did not verify the downstream piping to confirm overpressure protection at the time of this inspection.		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
<u>General Comment:</u>		
The support for the pressure regulation and over pressure devices was made of steel.		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
<u>General Comment:</u>		
Staff inspected the pressure relief devices were equipped with a flapper device to prevent accumulation of water, ice, or snow at all locations.		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
<u>General Comment:</u>		
The following valves were inspected: Fire Valve 0097 Fire Valve 0054 Fire Valve 0025 Fire Valve D123 Two other fire valves were inspected at the following stations 3350022 and 335020.		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
<u>General Comment:</u>		

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Staff inspected the following valves:

Fire Valve 0097

Fire Valve 0054

Fire Valve 0025

Fire Valve D123

Two other fire valves were inspected at the following stations 3350022 and 335020.

ODORIZATION OF GAS		Status
<u>Category Comment:</u>		
Staff did not conduct an Odor Intensity Level inspection during this field inspection. There was not any Odorization equipment at this location		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
[192.625(f)]	Was the operator's equipment calibrated as required?	Not Checked
TRANSMISSION		Status
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
<u>General Comment:</u>		
There was not any transmission valves located in the distribution system.		
[192.745(a)]	Were the valves inspected accessible?	Not Checked
<u>General Comment:</u>		
There was not any transmission valves located in the distribution system.		
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
<u>General Comment:</u>		
Staff did not inspect any components or pipes for the required markings during this inspection.		
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
<u>General Comment:</u>		
Staff did not observe any blow down valves on the transmission lines.		
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Not Checked
<u>General Comment:</u>		
Staff did not inspect any components or pipes for the required marking during this inspection.		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u>		

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Staff did not conduct any Operator Qualification Field inspections during this audit.

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